



08-24-01

1644

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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| | | | |
|---|----------------------|------------------------|--------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 09/463,470 | |
| | Filing Date | January 21, 2000 | |
| | First Named Inventor | Morten Soegaard | |
| | Group Art Unit | N/A | |
| | Examiner Name | Not Yet Assigned | |
| Total Number of Pages in This Submission | 14 | Attorney Docket Number | HO-P01938US0 |

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ENCLOSURES (check all that apply)

| | | |
|--|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below) Sequence Listing Transmittal Sequence Listing Diskette (1 copy) Copy of Notice to Comply Return Post Card |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

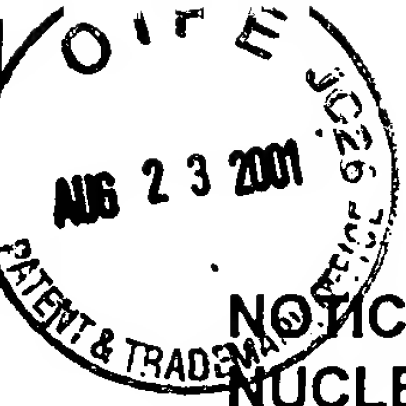
| | |
|-------------------------|--|
| Firm or Individual Name | FULBRIGHT & JAWORSKI L.L.P. Melissa W. Acosta |
| Signature | |
| Date | August 23, 2001 |

Transmittal

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EK102656123US, in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date shown below.

Dated: August 23, 2001

Signature: (Staci Harris)



Application No.: 09/463470

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: _____

Applicant Must Provide:

- ☒ An ~~initial or substitute~~ computer readable form (CRF) copy of the "Sequence Listing".
- ☒ *corresponding* An ~~initial or substitute~~ paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

PatentIn Software Program Support

Technical Assistance.....703-287-0200

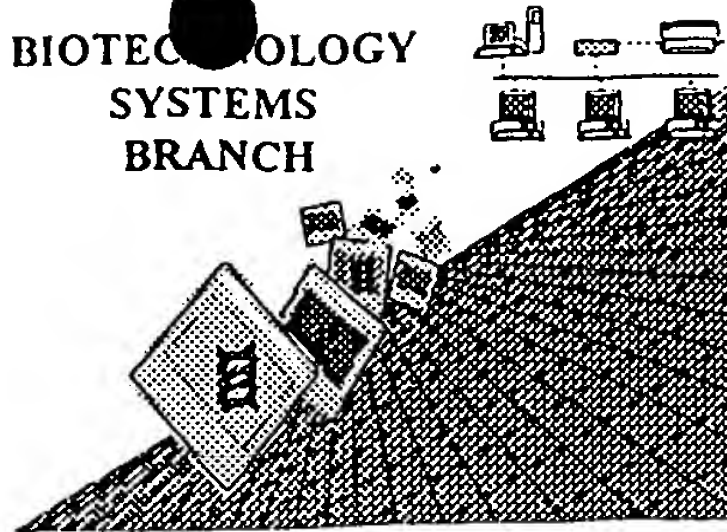
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RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/ 463, 470 A

Source: 1644

Date Processed by STIC: 3-14-01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin2help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§ 1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable-form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>



1644

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/463,470A

DATE: 03/14/2001
TIME: 10:20:18

Input Set : A:\es.txt
Output Set: N:\CRF3\03142001\I463470A.raw

Does Not Comply
Corrected Diskette Needed

pp. 1, 2

3 <110> APPLICANT: SOEGAARD, MORTEN
4 ABRAHMSEN, LARS
5 LANDO, PETER
6 FORSBERG, GORAN
7 KALLAND, TERJE
8 DOHLSTEN, MIKAEL
10 <120> TITLE OF INVENTION: CYTOLYSIS OF TARGET CELLS BY SUPERANTIGEN CONJUGATES INDUCING T-CELL
11 ACTIVATION
13 <130> FILE REFERENCE: P01938US0; 10001907
15 <140> CURRENT APPLICATION NUMBER: 09/463,470A
16 <141> CURRENT FILING DATE: 2000-01-21
18 <150> PRIOR APPLICATION NUMBER: 60/053,211
19 <151> PRIOR FILING DATE: 1997-07-21
21 <150> PRIOR APPLICATION NUMBER: PCT/EP98/04219
22 <151> PRIOR FILING DATE: 1998-07-21
24 <150> PRIOR APPLICATION NUMBER: 9704170-1
25 <151> PRIOR FILING DATE: 1997-11-14
27 <160> NUMBER OF SEQ ID NOS: 23
29 <170> SOFTWARE: PatentIn version 3.0

ERRORED SEQUENCES

386 <210> SEQ ID NO: 23
387 <211> LENGTH: 17
388 <212> TYPE: PRT
389 <213> ORGANISM: ARTIFICIAL SEQUENCE
391 <220> FEATURE:
392 <221> NAME/KEY: misc_feature
393 <222> LOCATION: (1)..(17)
394 <223> OTHER INFORMATION: Designated peptide to act as a Q-linker.
397 <400> SEQUENCE: 23
399 Gly Pro Arg Gln Ala Asn Glu Leu Pro Gly Ala Pro Ser Gln Glu Glu
400 1 5 10 15
402 Arg
405 25001022.1
E--> 406 7
410 25001022.1
E--> 411 2

Delete extraneous material from
the end of the file. It is causing
an invalid amino acid count
23.

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09/463, 470A

p. 2

Seq #21



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<211> 17
<212> PRT
<213> ARTIFICIAL SEQUENCE

missing mandatory <220>, <223>
features to explain the source
of the artificial sequence.

<400> 21

Gly Pro Arg Gln Ala Lys Thr Leu Pro Gly Ala Pro Ser Gln Thr Thr
1 5 10 15

Arg



VERIFICATION SUMMARY

PATENT APPLICATION: US/09/463,470A

DATE: 03/14/2001

TIME: 10:20:19

Input Set : A:\es.txt

Output Set: N:\CRF3\03142001\I463470A.raw

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L:359 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:406 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:23
M:332 Repeated in SeqNo=23